



520.38161CX2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Kazuhisa ARUGA
Serial No.: 10/615,907
Filed: July 10, 2003
For: DISK SUBSYSTEM
Group: 2187
Examiner: G. Portka

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Technology Center 2100

PRELIMINARY AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

December 5, 2003

Sir:

Prior to examination, please amend the above-identified application as follows.

12/09/2003 HUUONG1 00000082 10615907

01 FC:1202 36.00 GP
02 FC:1201 172.00 GP